

Split System Submittal Data

System: **36PSU1U6** Indoor: **S-36PU1U6** Outdoor: **U-36PS1U6**

Single Split System - Ceiling Recessed Air Conditioner

Job Name: _____
 Location: _____
 Engineer: _____
 Submitted to: _____
 Submitted by: _____
 Reference: _____

Approval: _____
 Date: _____
 Construction: _____
 Unit#: _____
 Drawing#: _____

General Data	
Power [V/P/Hz]	230/208/1/60
Circuit Ampacity [A]	15-35 Indoor-Outdoor
Fuse Size, Max.[A]	15-35 Indoor-Outdoor
Compressor	DC Rotary Inverter
No. Used	1
R.L. Amps - L.R. [A]	16.4 - 17.5
Outdoor Unit	
Fan type	Propeller
Dia & Length [in.] - No. used	18-7/64-1
Type Drive - No. Speeds	DC Motor
No. Poles (RPM)	8 - 830
No. Motors (W)	1 - 90
CFM (High)	1942
F.L. Amps [A]	17.3
Coil Type	Aluminum Fin & Copper Pipe
Fin Type - Pipe Type	Slit Plate - Inner Rifled
Rows - F.P.I.	2 - 14.1
Face Area [sq.ft.]	7.26
Tube Size [in]	3/8"
Indoor Unit	
Fan type	Turbo
Dia & Length [in.] - No. used	17-7/16-1
No. Speeds	3 & Auto
No. Poles (RPM, High)	6 - 467
No. Motors (W)	1 - 60
CFM (Hi/Med/Lo)	1050/840/720
Indoor Sound Rating (Hi) (dB-A)	44
F.L. Amps [A]	0.9
Coil Type	Aluminum Plate Fin & Copper Tube
Fin Type - Pipe Type	Slit Plate - Inner Rifled
Rows - F.P.I.	2 - 14.9
Face Area [sq.ft.]	8.2
Tube Size [in]	9/32"
Drain Connection Size [in.]	1-17/64"



Refrigerant	R410A
Lbs. - R410a	6.17
Control	Electric Expansion Valve
Connection	Flare
Line Length, Max (ft.)	165
Line Difference, Max (ft.)	50 (outdoor lower), 100 (outdoor higher)
Line Size (in. O.D. Discharge)	3/8"
Line Size (in. O.D. Suction)	5/8"
Dimensions (HxWxD)	
Indoor Unit (Crated) [in.]	12-13/32 x 44-19/64 x 33-9/32
Indoor Unit (Uncrated) [in.]	14-31/64 x 45-9/32 x 33-55/64
Outdoor Unit (Crated) [in.]	34-31/32 x 39-31/32 x 16-3/32
Outdoor Unit (Uncrated) [in.]	30-23/32 x 37 x 13-3/8
Weight (lbs.)	
(Indoor) Net	60
(Indoor) Shipping	71
(Outdoor) Net	143
(Outdoor) Shipping	161
(Indoor) Shipping Volume (cu.ft.)	10.6
(Outdoor) Shipping Volume (cu.ft.)	13

Performance Data @ ARI Standard Conditions (230/208V)	
Cooling	
Total Capacity (BTU/H)	32,600 (9,500 - 32,600)
Sensible Capacity (BTU/H)	20,160
Latent Capacity (BTU/H)	12,440
SEER	14.6
Dehumidification (Pints/H)	10.6
Amps (A)	18.7/20.7
Power Inputs (W)	3,950/3,950
Outdoor Sound Rating (dB-A) High	52
Heating	
Total Capacity (BTU/H)	37,600 (8,000 - 37,600)
HSPF	9.1
Amps (A)	15.9/17.6
Max Amps (A)	15.9/17.6
Power Inputs (W)	3,350/3,350
Back-up Strip Heater (KW)	N/A
Outdoor Sound Rating (dB-A) High	52

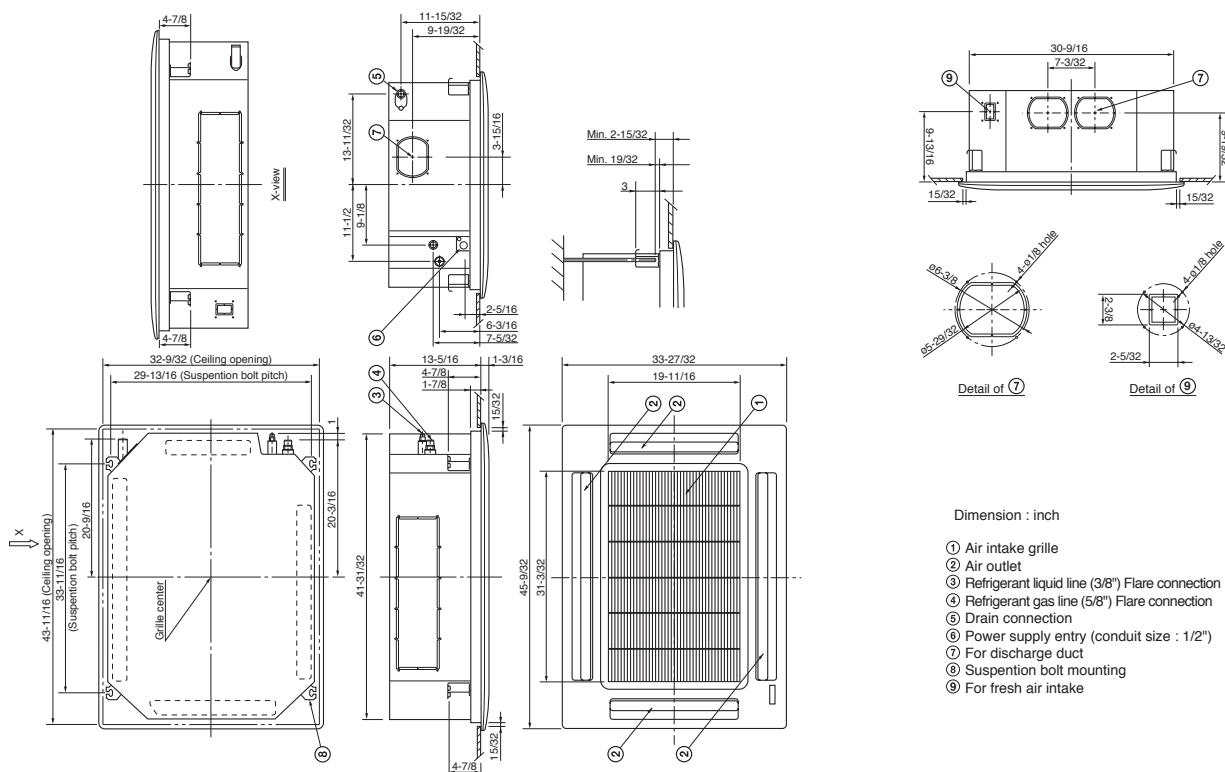
Features	
Controls	Microprocessor
Remote Controller	(Wired Remote Included) (Wireless Remote Optional)
Temperature Control	IC Thermostat
Timer	72 Hr. On/Off
Night Setback	N/A
Air Louver, Horizontal	N/A
Air Louver, Vertical	Automatic
Power Failure Automatic Changeover	Built-In
Self-Diagnosis	Built-In
Air Filter	Washable, Anti-Mold

Option	
Refrigerant Line Set	Available
Fresh Air Intake	Available
Air duct Extension	Knock-out
Condensate Drain Pump	Built in (Limited Vertical Lift)
Wireless Remote Controller	Available
Non-Removeable Locking Remo-con Bracket	Available

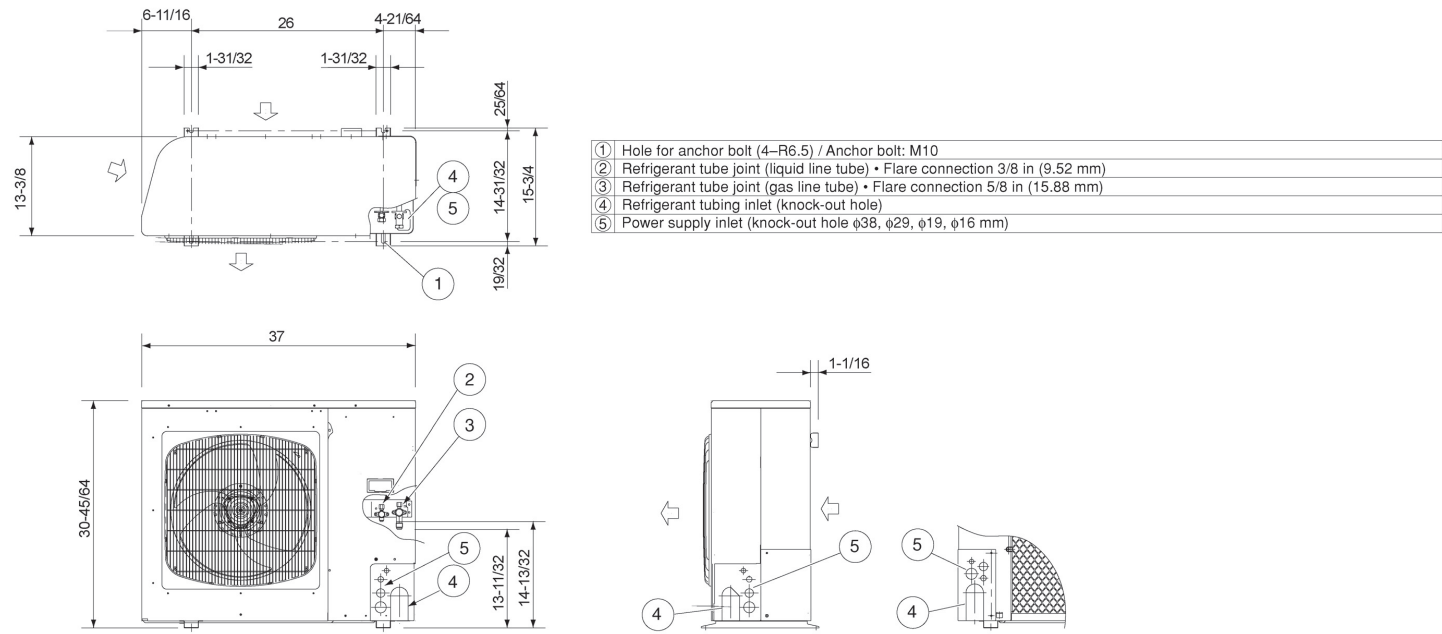
Operating Range	Indoor Air Intake Temp	Outdoor Air Intake Temp
Cooling (Max)	95F DB/71F WB	115F DB
Cooling (Min)	67 DB/57F WB	0F DB



Indoor Dimensions



Outdoor Dimensions



Dimension : inch

